Andy Dong

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EDUCATION

Drexel University, College of Computing & Informatics   Anticipated Graduation: June 2026
- Bachelor of Science in Computing and Security Technology | GPA: 3.82
- Minor: Management Information Systems
- Relevant Coursework: IT Security Risk Assessment, Disaster Recovery and Continuity Planning, Database Management Systems, Mobile Applications, Team Process and Prodcut

SKILLS

Programming: Python, HTML & CSS, Oracle SQL, Java, Bash
Tools: VSCode, Shodan, Canva, Qualtrics, Linux, PowerShell, Figma, draw.io, Vertabelo, Wireshark, Microsoft Office
Foreign Languages: Fluent Chinese, Conversational Fujianese

WORK EXPERIENCE

University of Pennsylvania: The Wharton School   Philadelphia, PA
Research Assistant at The Operations, Information and Decisions Department   March 2025 – Present
- Develop and manage workflows that streamlined departmental business processes
- Coordinate schedules, agendas, and logistics for departmental guests and seminar speakers
- Automate academic operations by creating, executing, and documenting technical scripts
- Administer A/V and video conferencing systems to support departmental events
- Fulfill technical support and troubleshooting requests from faculty, doctoral students, and staff

Designer Eyes   Philadelphia, PA
Optical Assistant   September 2022 – Present
- Support customers with eye exams, frame selection, and various insurance procedures
- Provide translation services for Mandarin Chinese, Cantonese, and Fujianese-speaking patients
- Maintain accurate patient records and appointments scheduling using OfficeMate

TECHNICAL PROJECTS

Industrial Control Systems (ICS) Vulnerability Risk Assessment   June 2024 – September 2024
Cyber Vulnerability Engineer
- Aggregated and compiled international ICS data from universities worldwide
- Preprocessed raw ICS data for analysis utilizing Python, Bash, and Excel
- Engineered complex Oracle SQL queries to transform raw data into structured, meaningful datasets for analysis
- Visualized complex security vulnerability data in Tableau and PowerPoint to guide risk-based decisions

Steam Games Database   June 2023 – September 2024
Data Analyst
- Cleaned raw steam games data from Kaggle using Python and Oracle SQL
- Designed and implemented relational normalized database through Vertabelo and Oracle SQL Developer
- Leveraged Oracle SQL queries to uncover trends in pricing, genres, and user ratings

Drexel University Penetration Testing   January 2023 – March 2024
Project Manager
- Directed the project lifecycle through weekly meetings focused on progress review, strategic planning, and task delegation
- Scanned internet accessible resources within the drexel.edu domain using various online penetration testing tools
- Performed penetration tests against multiple targets identified through sorted scan results
- Authored vulnerability and mitigation reports for Drexel IT; recognized for critical bug discovery

HONORS AND AWARDS

Intermediate Chinese Proficiency Certificate, Drexel University, April 2025
Dean's List, Drexel University, Fall 2023, Spring 2024, Summer 2024, Spring 2025
A. J. Drexel Scholarship, Drexel University, Fall 2023
Seal of Biliteracy in Chinese, The School District of Philadelphia, June 2021

AFFILIATIONS

Member, CyberDragons, November 2023 - Present
Member, Chinese Christian Church and Center, August 2018 – Present